

ABSTRACT OF THE DISCLOSURE

A loudspeaker includes a frame, a diaphragm and an electric driving arrangement for moving the diaphragm along an axis with respect to the frame. The diaphragm includes an outer conical first diaphragm body and an inner conical second diaphragm body invertedly oriented with respect to and positioned inside the first diaphragm body. The first and second diaphragm bodies each have a base portion and a top portion, the top portion of the first diaphragm body and the base portion of the second diaphragm body being interconnected. The diaphragm is suspended from the frame by a first flexible suspension member extending between the base portion of the first diaphragm body and the frame, and a second flexible suspension member extending between the top portion of the first diaphragm body and the frame. The top portion of the second diaphragm body is attached to a movable part of the driving arrangement.